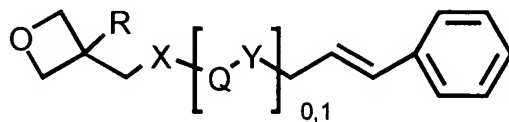


WHAT IS CLAIMED IS:

1. A compound containing oxetane and cinnamyl functionality having the structure



in which

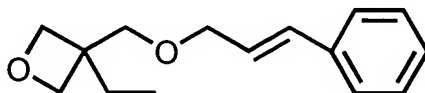
R is a methyl or ethyl group,

X and Y are independently a direct bond, an ether, ester, or carbamate group,

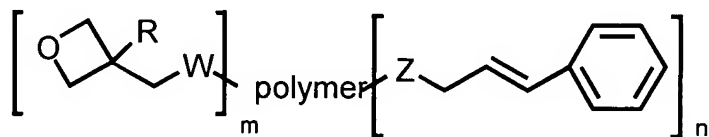
Q is a divalent hydrocarbon, and

provided that X and Y will not both be direct bonds.

2. The compound according to claim 1 having the structure



3. A compound containing cinnamyl and oxetane functionality having the structure



in which

polymer is a polymeric backbone,

m and n are integers from 2 to 500,

R is methyl or ethyl, and

W and Z are independently an ether, ester, or carbamate group.